

**AMENDMENTS TO THE SEQUENCE LISTING**

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.


**REMARKS**

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2005-09-30 0425-1185PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The Sequence Listing is amended to identify the present application by filing date and serial number. The Sequence Listing is further amended to include a detailed description for each artificial sequence. These descriptions are derived directly from the specification. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

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0425-1185PUS1

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Attachments:                   -Disk and paper copy of the Substitute Sequence Listing  
                                     -Copy of Notice to Comply